Trying 3106016892...Open

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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1	Feb 2	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Dec 17	Expanded CAplus Coverage of US, Japanese, WIPO, EPO, and German patents
NEWS	3	Feb 1	Addition of Machine-Translated Abstracts to CAplus
NEWS	4	Feb 28	Patent Information Now Searchable in CAOLD
NEWS	5	May 1	RN CROSSOVER AND ANSWER SIZE LIMITS INCREASED
NEWS	6	May 22	CITED REFERENCES NOW AVAILABLE IN CAPLUS AND CA FILE
NEWS	7	May 22	POSTPROCESSING OF SEARCH RESULTS MAY BE AFFECTED BY ADDITION OF CITED REFERENCES TO CAPLUS, CA, REGISTRY, CASREACT, MARPAT, and MARPATPREV
NEWS	8	Jun 2	KOREAN PATENTS NOW IN CAS DATABASES
NEWS	9	Jun 20	WIPO/PCT Patents Fulltext Database now on STN
NEWS	10	Jun 28	CAS covers Web-distributed preprints
NEWS	11	Jul 7	Patent Full-text Cluster, PNTTEXT, introduced
NEWS	12	Jul 27	EUROPATFULL - loading of backlog data
NEWS	13	Jul 27	MORE FREQUENT UPDATES FOR DERWENT WORLD PATENTS INDEX IN 2000
NEWS	14	Jul 27	Derwent Journal Of Synthetic Methods Reloaded with New Data
NEWS	15	Jul 27	DERWENT WORLD PATENTS INDEX: FAST TRACK RELEASE OF EQUIVALENT PATENTS

NEWS EXPRESS	FREE UPGRADE 5.0C NOW AVAILABLE
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

*LDPCI - Derwent Patents Citation Index Learning File

* The files listed above are temporarily unavailable.

FILE 'HOME' ENTERED AT 16:49:33 ON 17 AUG 2000

=> file reg

	SINCE FILE ENTRY	TOTAL SESSION
COST IN U.S. DOLLARS	0.15	0.15

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 16:49:53 ON 17 AUG 2000
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STRUCTURE FILE UPDATES: 16 AUG 2000 HIGHEST RN 286401-45-4
DICTIONARY FILE UPDATES: 16 AUG 2000 HIGHEST RN 286401-45-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 11, 2000

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

=>
Uploading 09344226.str

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 16:50:19 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2449 TO ITERATE

50 ANSWERS

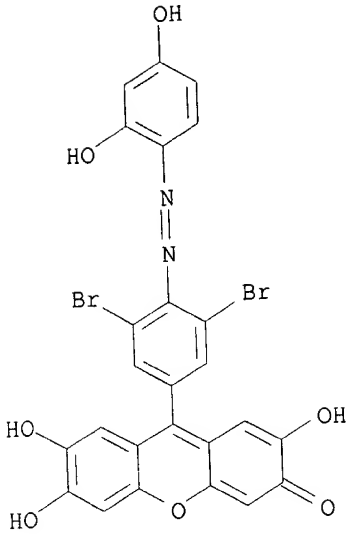
40.8% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 46014 TO 51946
PROJECTED ANSWERS: 4225 TO 6157

L2 50 SEA SSS SAM L1

=> d scan

L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN 3H-Xanthen-3-one,
9-[3,5-dibromo-4-[(2,4-dihydroxyphenyl)azo]phenyl]-2,6,7-trihydroxy- (9CI)
MF C25 H14 Br2 N2 O7

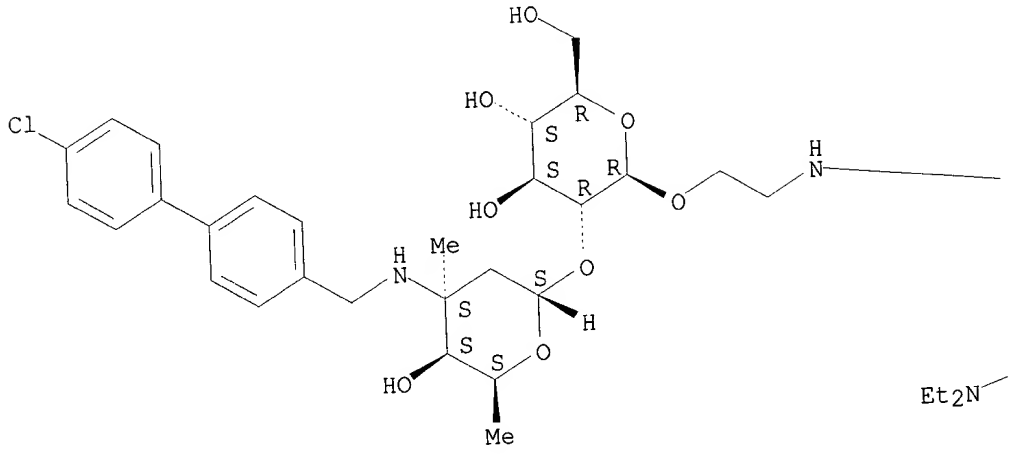


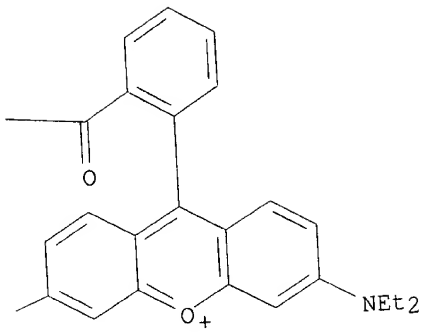
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN INDEX NAME NOT YET ASSIGNED
MF C56 H68 Cl N4 O10

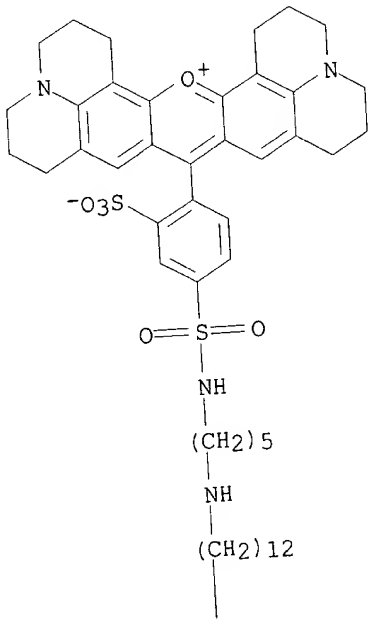
Absolute stereochemistry.

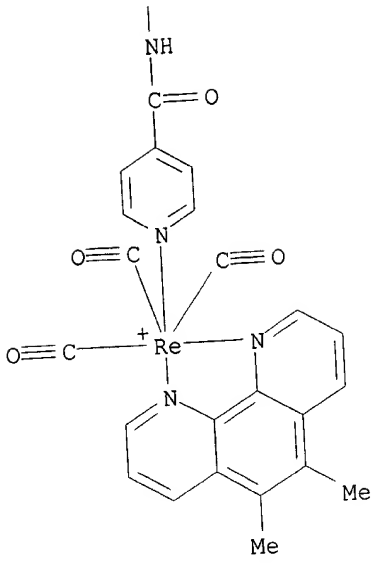
PAGE 1-A





L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Rhenium(1+), tricarbonyl(5,6-dimethyl-1,10-phenanthroline-.kappa.N1,.kappa.N10)[2,3,6,7,12,13,16,17-octahydro-9-[4-[[[5-[[12-[[(4-pyridinyl-.kappa.N)carbonyl]amino]dodecyl]amino]pentyl]amino]sulfonyl]-2-sulfophenyl]-1H,5H,11H,15H-xantheno[2,3,4-ij:5,6,7-i'j']diquinolizin-18-iumato]-, (OC-6-33)- (9CI)
MF C71 H82 N8 O10 Re S2
CI CCS, COM

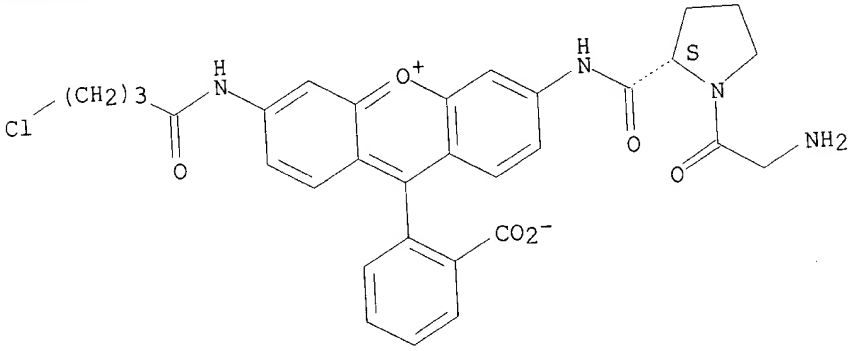




HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

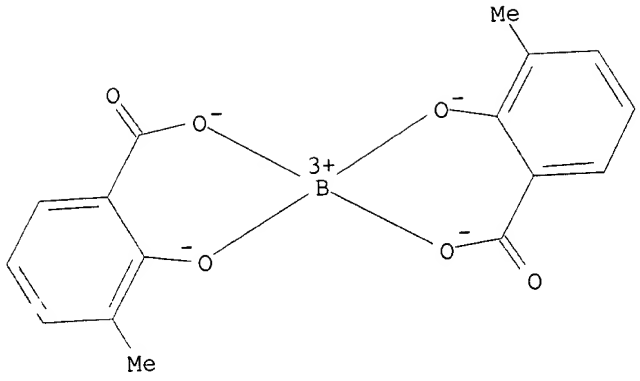
L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN L-Prolinamide, glycyl-N-[9-(2-carboxyphenyl)-6-[(4-chloro-1-oxobutyl)amino]xanthylium-3-yl]-, inner salt (9CI)
MF C31 H29 Cl N4 O6

Absolute stereochemistry.

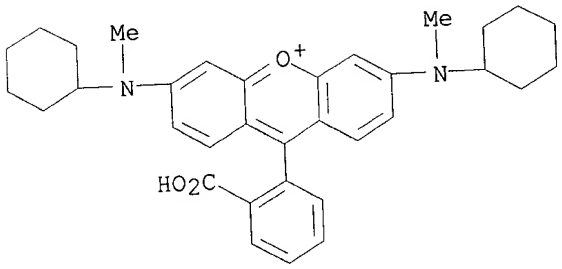


L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(cyclohexylmethylamino)-, (T-4)-bis[2-(hydroxy-.kappa.O)-3-methylbenzoato(2-)-.kappa.O]borate(1-) (9CI)
MF C34 H39 N2 O3 . C16 H12 B O6

CM 1



CM 2

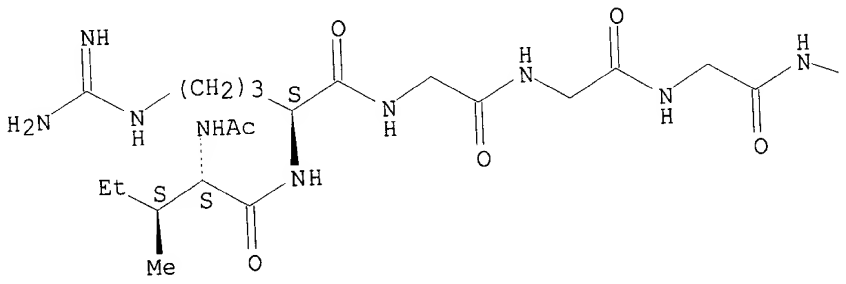


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

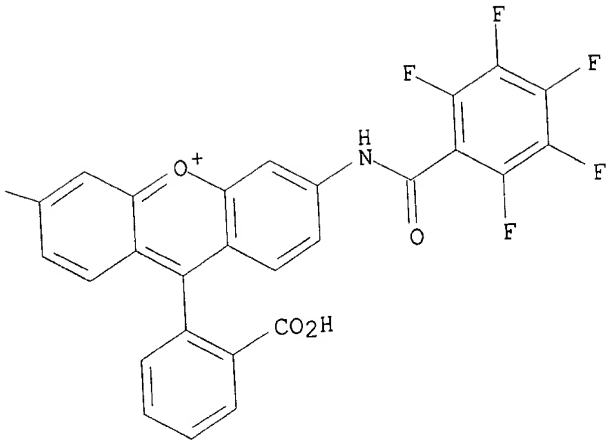
L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Glycinamide, N-acetyl-L-isoleucyl-L-arginylglycylglycyl-N-[9-(2-carboxyphenyl)-6-[(pentafluorobenzoyl)amino]xanthylium-3-yl]- (9CI)
SQL 5
MF C47 H48 F5 N10 O10

Absolute stereochemistry.

PAGE 1-A



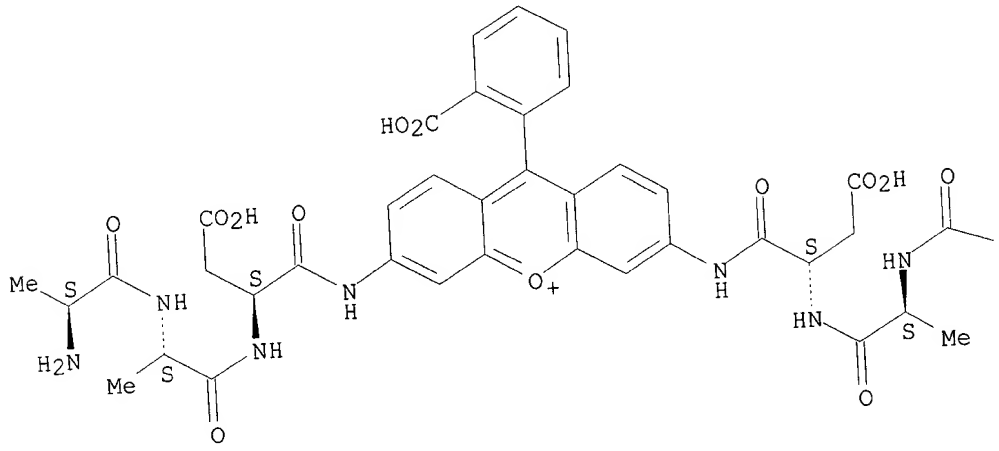
PAGE 1-B

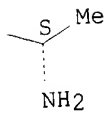


L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN L-.alpha.-Asparagine, 3,3'-[9-(2-carboxyphenyl)xanthylium-3,6-diyl]bis[L-alanyl-L-alanyl- (9CI)
MF C40 H45 N8 O13
CI COM

Absolute stereochemistry.

PAGE 1-A





HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 ful

FULL SEARCH INITIATED 16:51:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 48625 TO ITERATE

5110 ANSWERS

100.0% PROCESSED 48625 ITERATIONS
SEARCH TIME: 00.00.01

L3 5110 SEA SSS FUL L1

=> s l3 and nojugat?

0 NOJUGAT?
L4 0 L3 AND NOJUGAT?

=> s l3 and conjugat?

22706 CONJUGAT?
L5 20 L3 AND CONJUGAT?

=> file caplus

	SINCE FILE ENTRY	TOTAL SESSION
COST IN U.S. DOLLARS	134.70	134.85

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:52:38 ON 17 AUG 2000
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FILE COVERS 1967 - 17 Aug 2000 VOL 133 ISS 8
FILE LAST UPDATED: 16 Aug 2000 (20000816/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in CAPLUS on STN.

```
=> s l5

L6          175 L5

=> s l6 and conjugat?

          137814 CONJUGAT?
L7             1 L6 AND CONJUGAT?

=> s l5 and conjugat?

             175 L5
          137814 CONJUGAT?
L8             1 L5 AND CONJUGAT?

=> d l8 ibib abd hitstr

'ABD' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, IPC, and NCL

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations
```

```
HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field
codes.  For a list of the display field codes, enter HELP DFIELDS at
an arrow prompt (=>).  Examples of formats include: TI; TI,AU; BIB,ST;
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specification.

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FHITSTR, KWIC, and OCC) may be used with DISPLAY ACC to view a
specified Accession Number.
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ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, IPC, and NCL

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
```

HITSTR ------ HIT RN, its text modification, its CA index name, and its structure diagram

FHITSTR ----- First HIT RN, its text modification, its CA index name, and its structure diagram

KWIC -------- Hit term plus 20 words on either side

OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

=> d hist

(FILE 'HOME' ENTERED AT 16:49:33 ON 17 AUG 2000)

FILE 'REGISTRY' ENTERED AT 16:49:53 ON 17 AUG 2000
L1 STRUCTURE UPLOADED
L2 50 S L1
L3 5110 S L1 FUL
L4 0 S L3 AND NOJUGAT?
L5 20 S L3 AND CONJUGAT?

FILE 'CAPLUS' ENTERED AT 16:52:38 ON 17 AUG 2000
L6 175 S L5
L7 1 S L6 AND CONJUGAT?
L8 1 S L5 AND CONJUGAT?

=> dup rem l7 l8

PROCESSING COMPLETED FOR L7
PROCESSING COMPLETED FOR L8
L9 1 DUP REM L7 L8 (1 DUPLICATE REMOVED)

=> d l9 ibib abs hitstr

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 1
ACCESSION NUMBER: 1989:570618 CAPLUS
DOCUMENT NUMBER: 111:170618
TITLE: Preparation of rhodamine dye fluorescent **conjugates** for biological diagnostic assay
INVENTOR(S): Arnost, Michael J.; Meneghini, Frank A.; Palumbo, Paul S.; Stroud, Stephen G.
PATENT ASSIGNEE(S): PB Diagnostic Systems, Inc., USA
SOURCE: Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

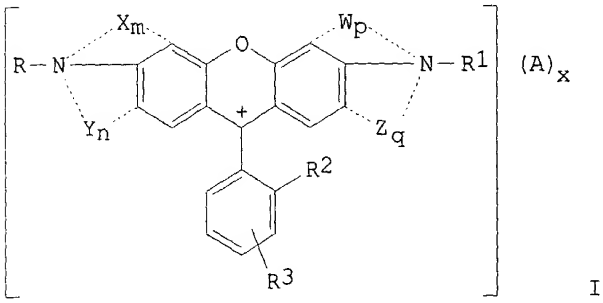
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 285179	A2	19881005	EP 1988-105319	19880401
EP 285179	A3	19881123		
EP 285179	B1	19930616		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 4900686	A	19900213	US 1987-34225	19870402
WO 8807682	A1	19881006	WO 1988-US641	19880223
W: AU, DK, FI, JP, NO				
AU 8817281	A1	19881102	AU 1988-17281	19880223
AU 602090	B2	19900927		
JP 01503488	T2	19891122	JP 1988-504346	19880223
JP 07018874	B4	19950306		
ZA 8801640	A	19890125	ZA 1988-1640	19880308
CA 1339782	A1	19980331	CA 1988-561395	19880314
AT 90789	E	19930715	AT 1988-105319	19880401
ES 2058164	T3	19941101	ES 1988-105319	19880401
FI 8804922	A	19881025	FI 1988-4922	19881025
FI 93278	B	19941130		
FI 93278	C	19950310		
NO 8805365	A	19881201	NO 1988-5365	19881201
DK 8806725	A	19881202	DK 1988-6725	19881202

PRIORITY APPLN. INFO.: US 1987-34225 19870402
WO 1988-US641 19880223
EP 1988-105319 19880401

OTHER SOURCE(S): MARPAT 111:170618

GI



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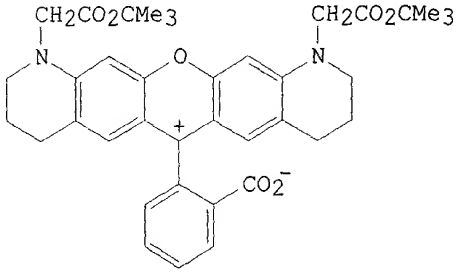


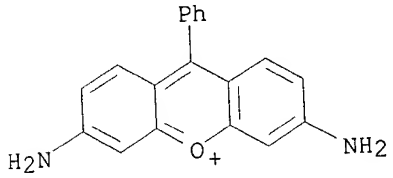
II

AB Fluorescent **conjugates** I [W, X, Y, Z = (CH2)aCHR4(CH2)b; R, R1, R3, R4 = H, substituent including a hydrophilic group or a biol. active moiety; R2 = CO2-, SO3-, substituent including a biol. active moiety; at least one R-R4 bears a biol. active moiety; a, b = 0-4, a + b = 1-4; m, n = 0, 1, provided one is 0 and the other is 1; p, q = 0, 1, provided one is 0 and the other is 1; A = counterion(s) to balance overall charge; x = 0,

1] are prepd. and used in diagnostic assays. L-Thyroxine Na salt was acetylated at the N, activated, and reacted with piperazine. The product was **conjugated** with II in the presence of diphenylphosphoryl azide. The thyroxine **conjugate** was used in an immunoassay for thyroxine. Fluorescence excitation was at 565 nm, and emission was measured at 690 nm. The std. curve exhibited good dose response over 70-110 ng thyroxine/mL.

IT **56109-16-1D**, derivs., **conjugates**
RL: ANST (Analytical study)
(for fluorescence diagnostic assay)

RN 56109-16-1 CAPLUS
CN Xanthylium, 3,6-diamino-9-phenyl- (9CI) (CA INDEX NAME)



=> log y

	SINCE FILE ENTRY	TOTAL SESSION
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FULL ESTIMATED COST		
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
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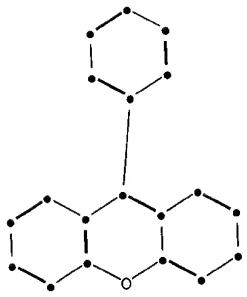
CA SUBSCRIBER PRICE		

STN INTERNATIONAL LOGOFF AT 16:55:42 ON 17 AUG 2000


O